

FIG. 1

FIG. 2 is a schematic diagram of a 16-input, 16-output switch fabric. The diagram shows a grid of 8 rows and 8 columns of switch elements. The input lines are labeled In #0 through In #7, and the output lines are labeled Out #0 through Out #5. The switch elements are represented by circles, with some being shaded to indicate a 2x2 switch and others being unshaded to indicate a 1x2 switch. The connections between the input and output lines are shown by arrows, indicating the routing of data through the switch fabric.

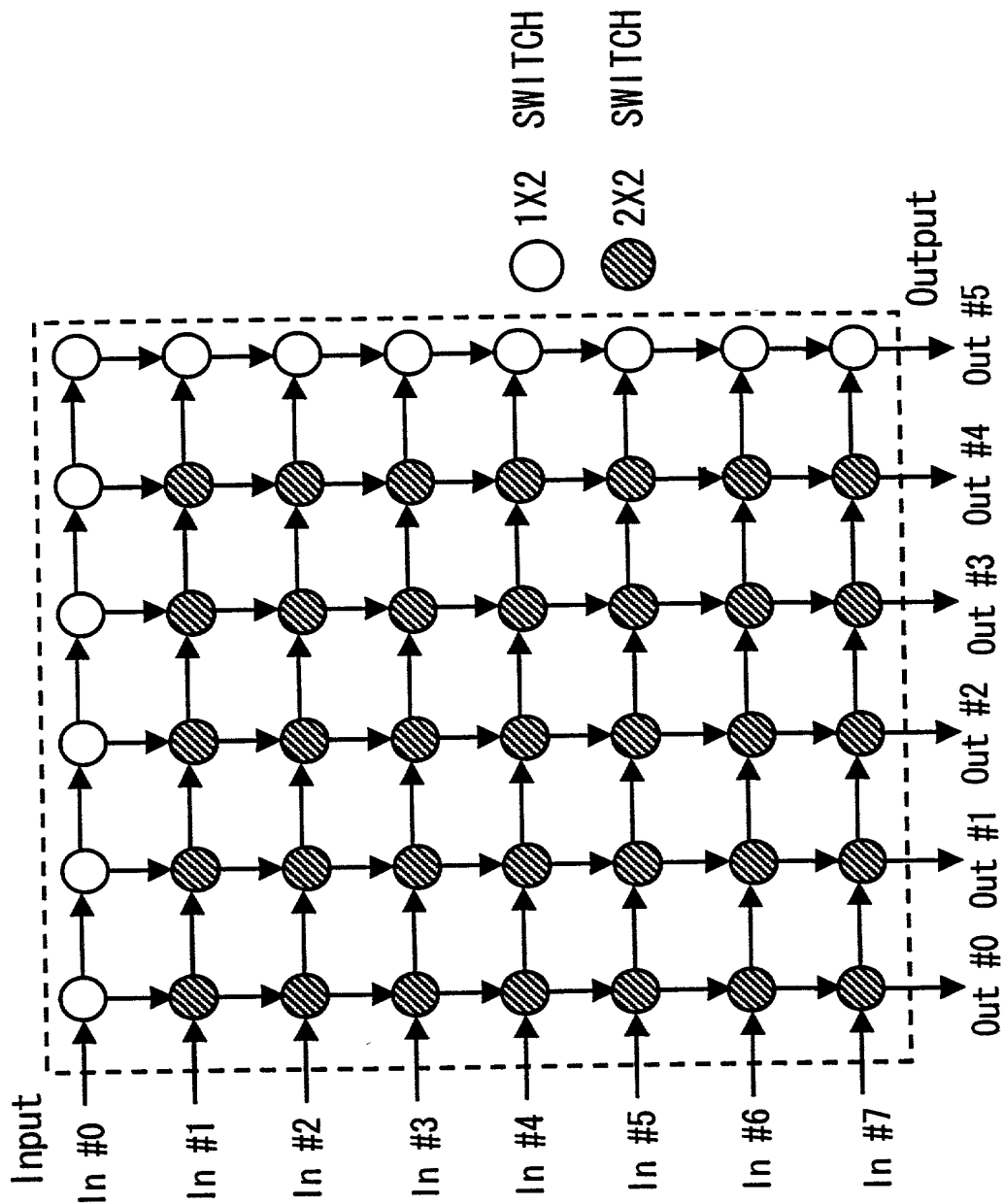
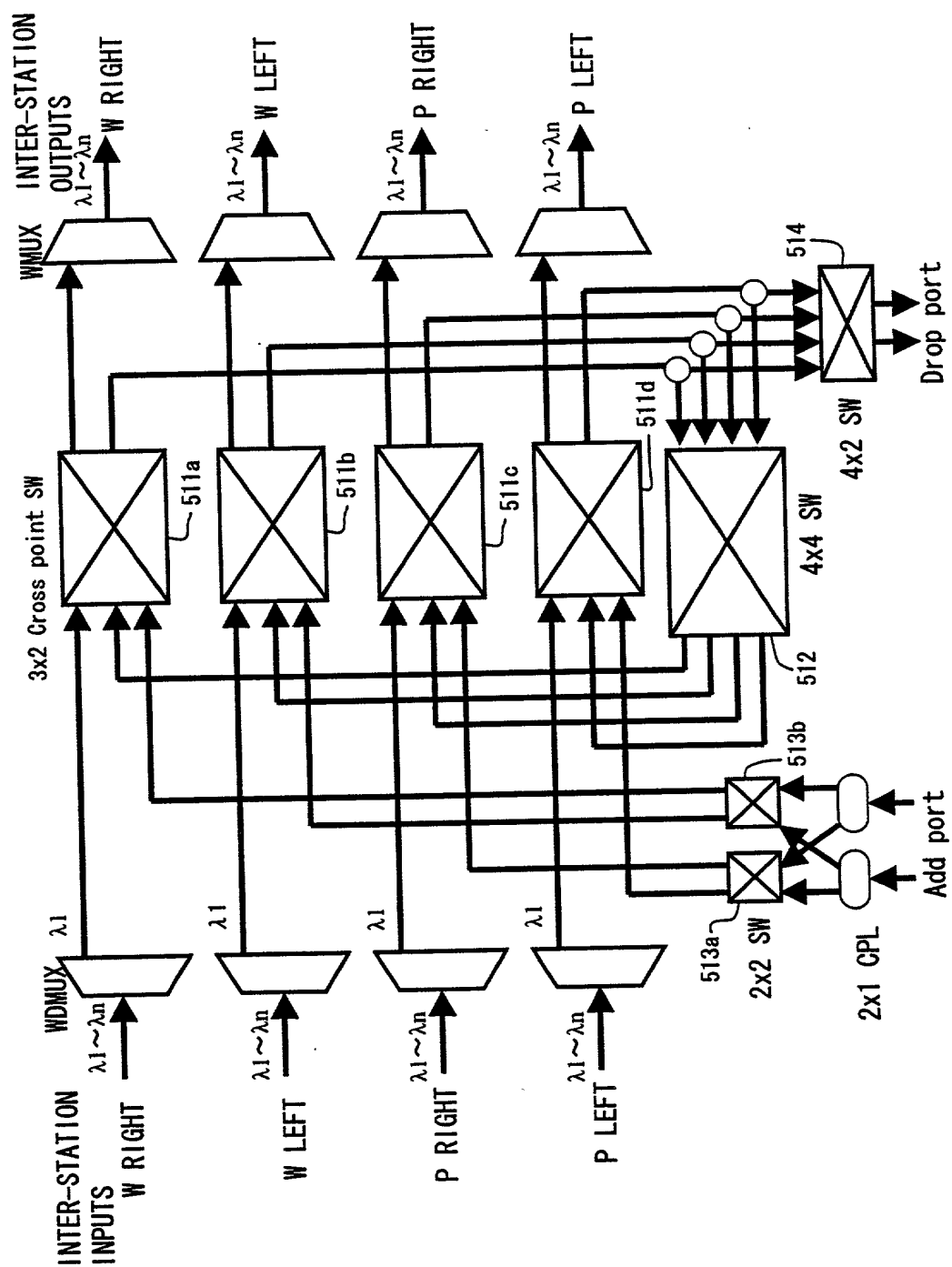


FIG. 2



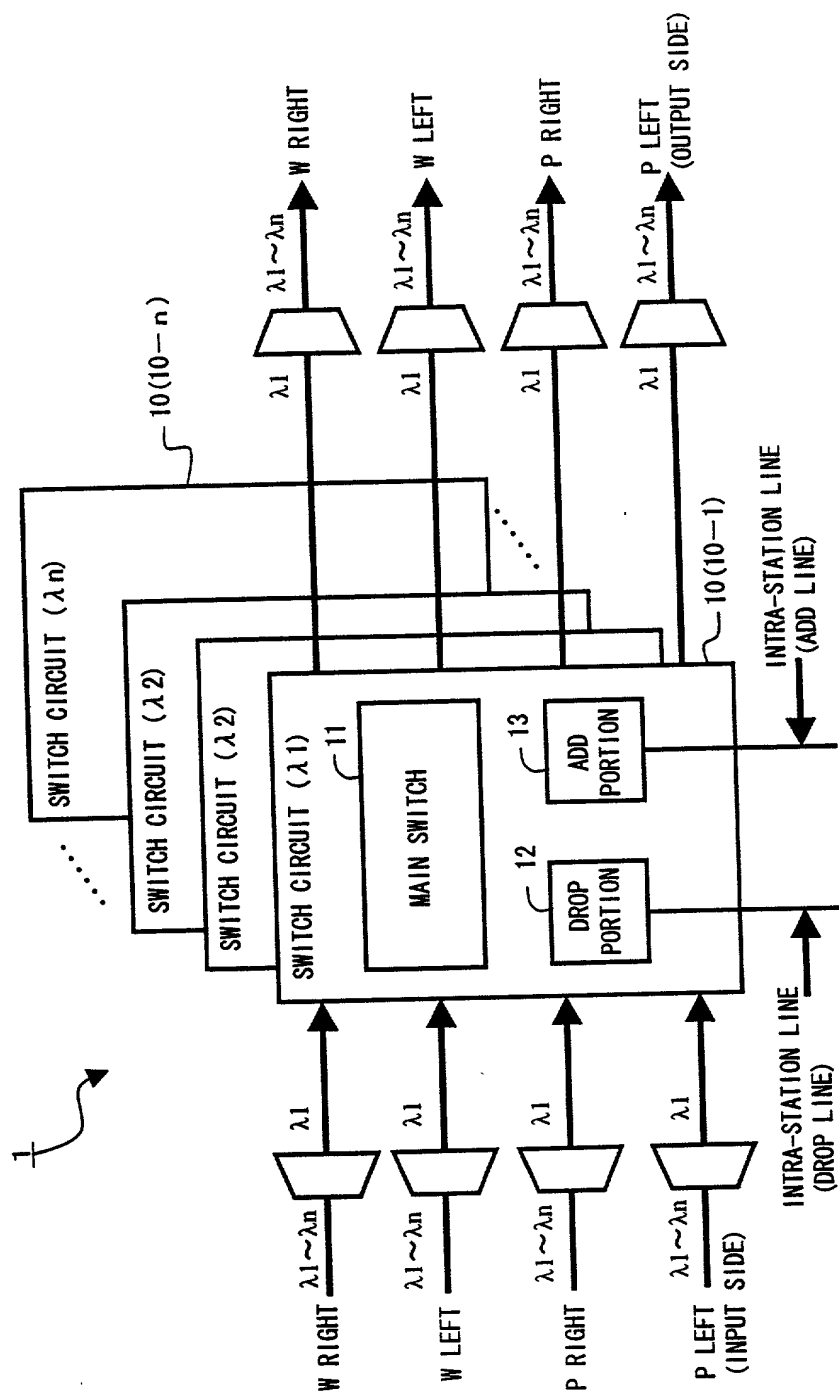


FIG. 5

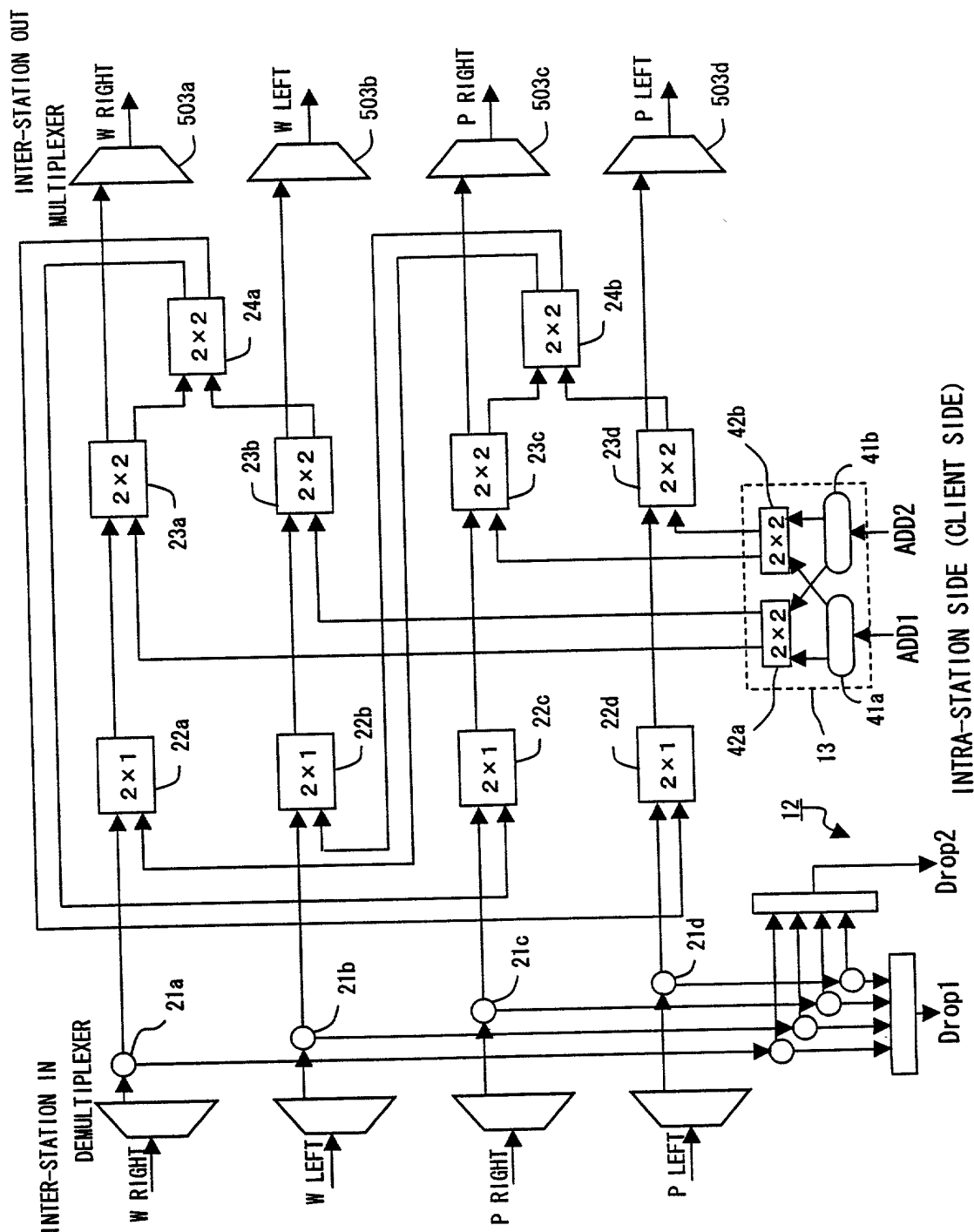


FIG. 6

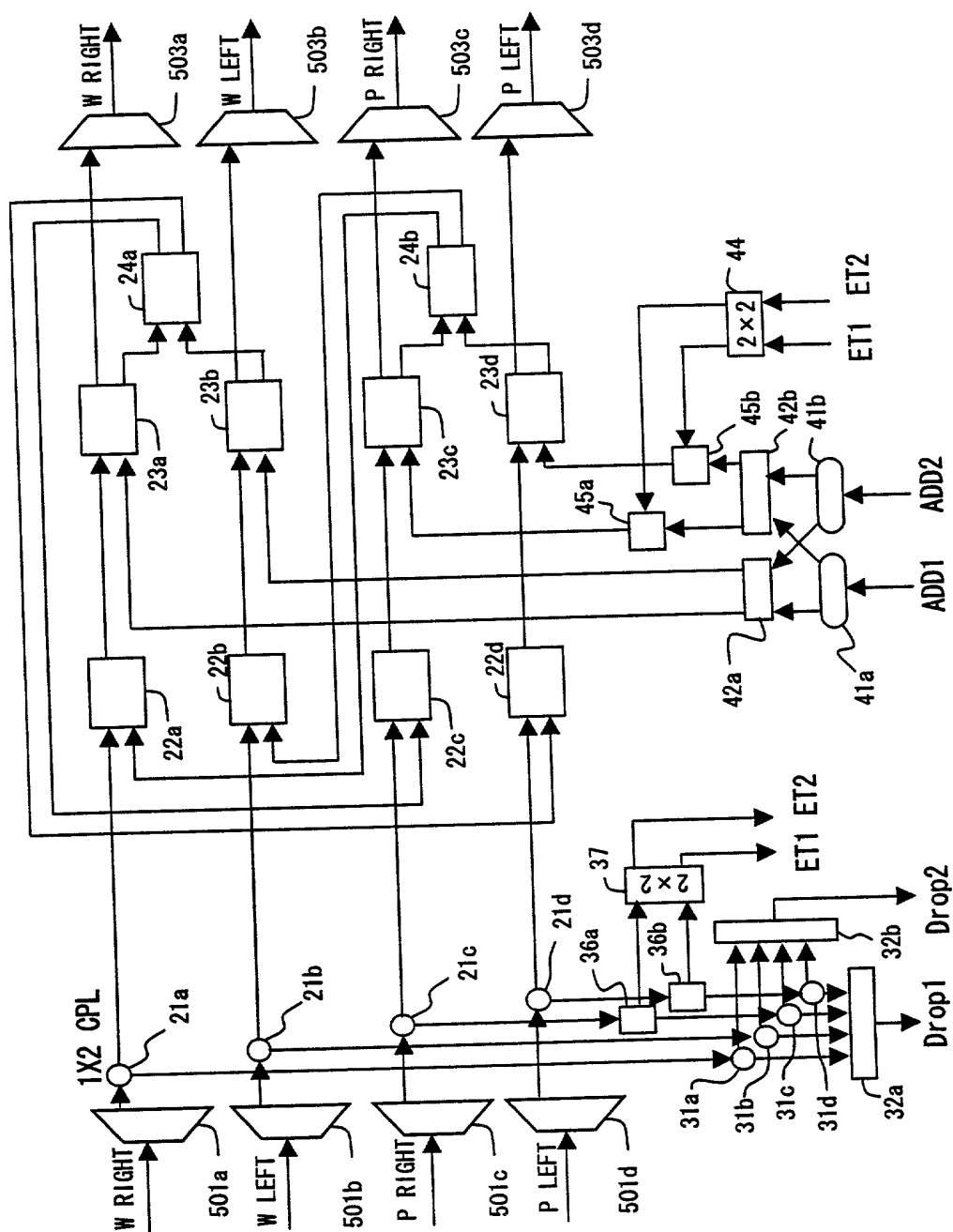


FIG. 9

11/11/11 11:11 AM 11/11/11 11:11 AM 11/11/11 11:11 AM 11/11/11 11:11 AM
 11/11/11 11:11 AM 11/11/11 11:11 AM 11/11/11 11:11 AM 11/11/11 11:11 AM
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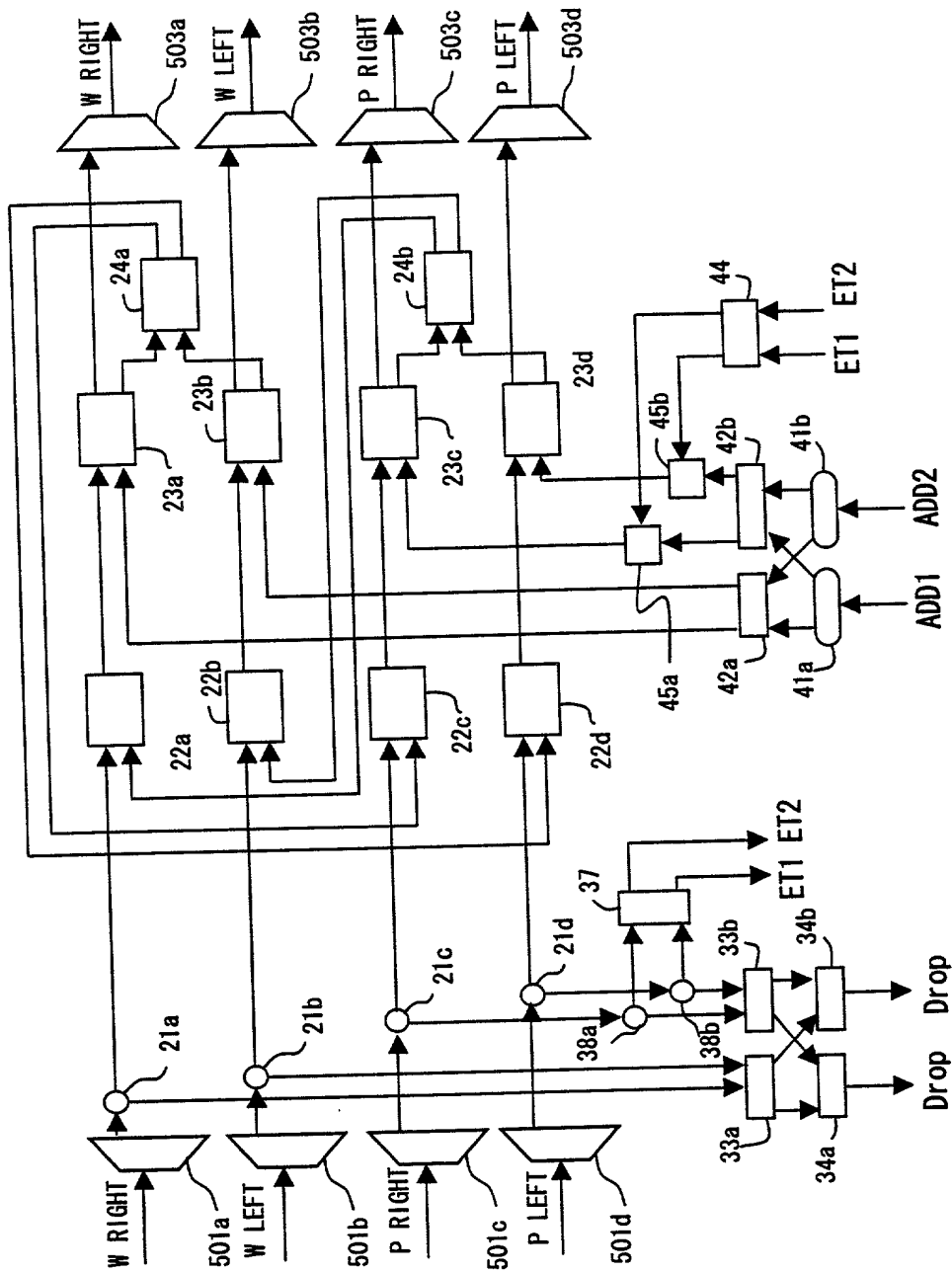


FIG. 12

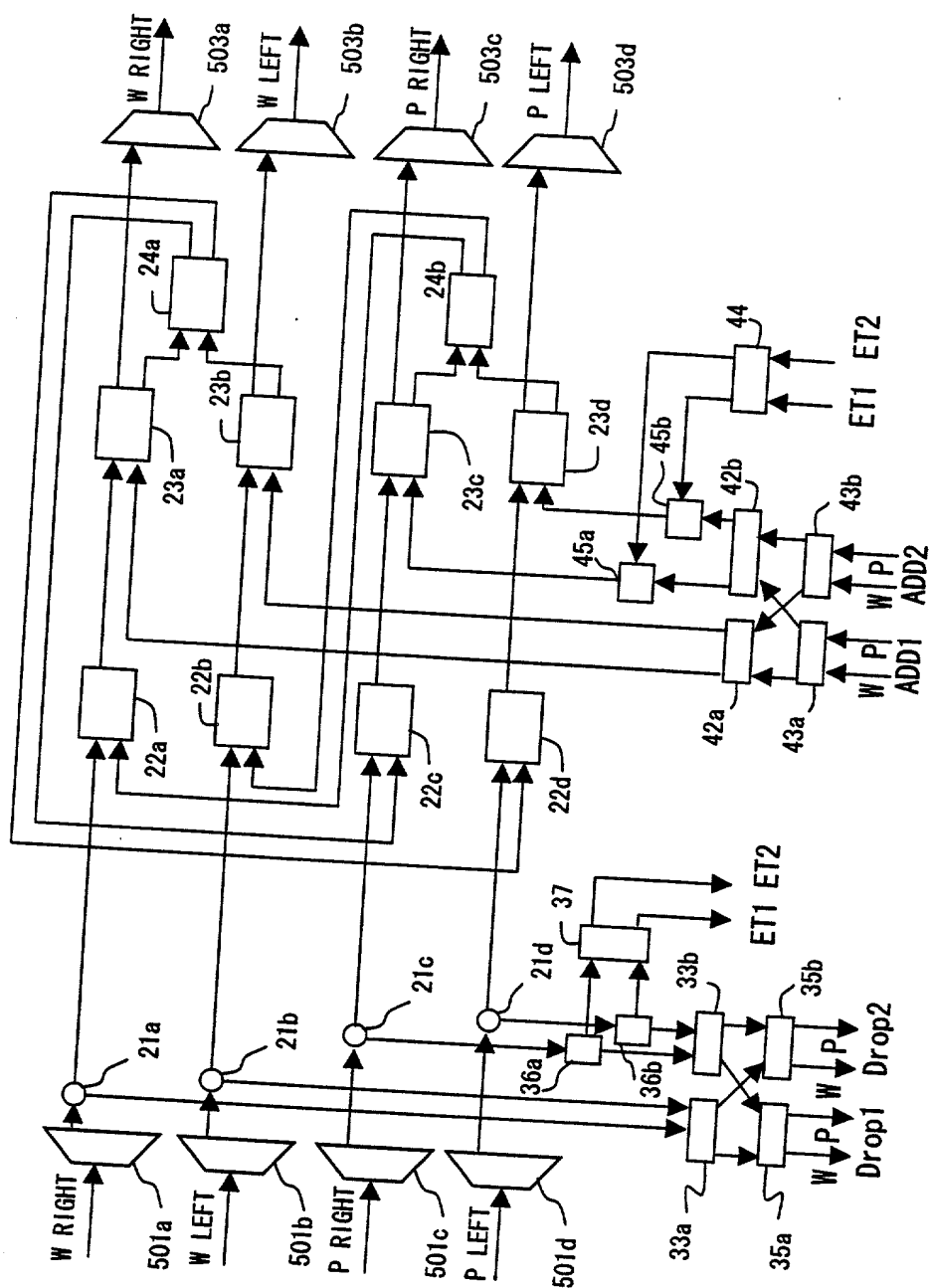


FIG. 13

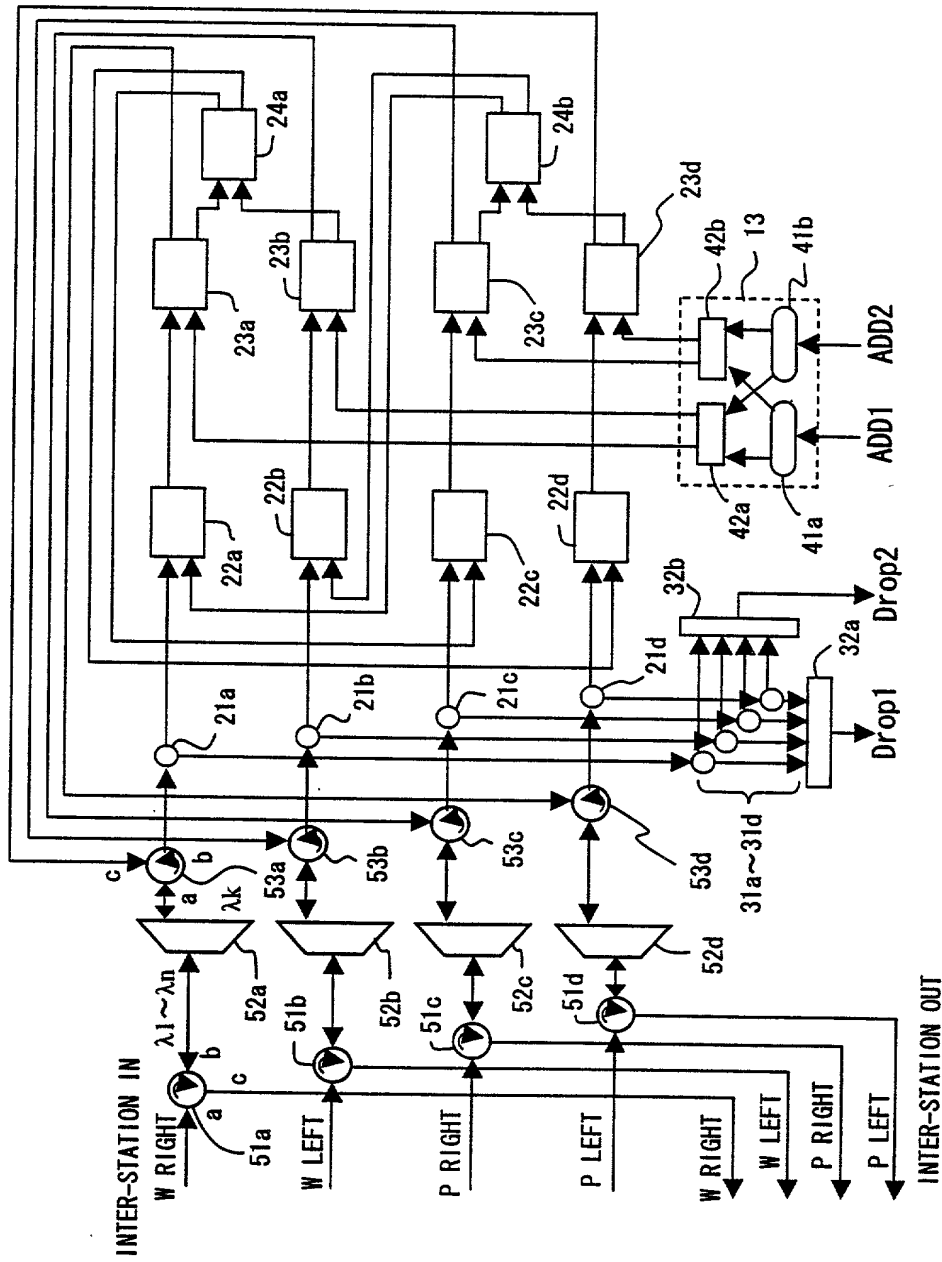


FIG. 15

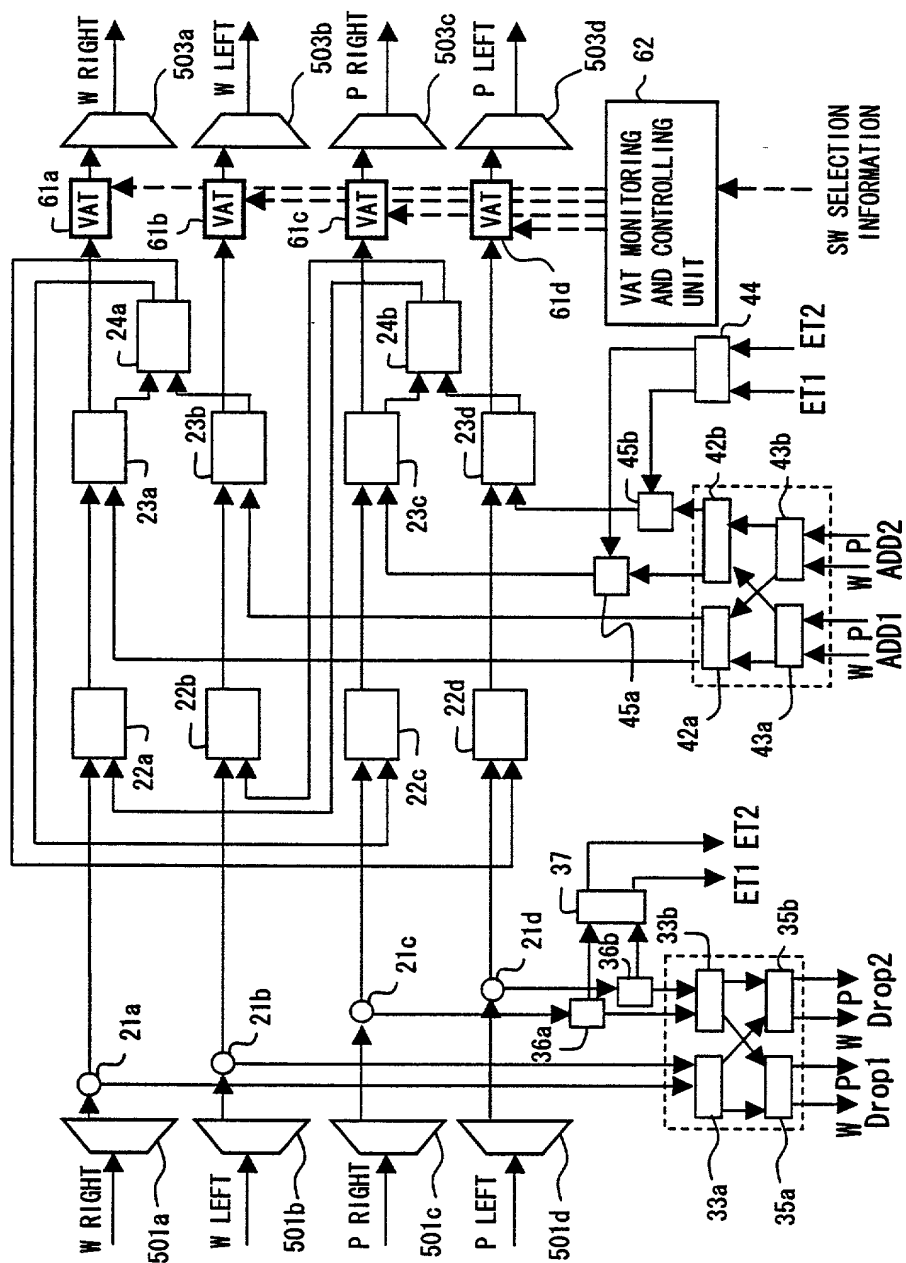


FIG. 16

1. A method of controlling a vehicle's water level, comprising:
 2. receiving a signal from a water level sensor;
 3. comparing the signal to a predetermined threshold;
 4. if the signal is above the threshold, activating a pump;
 5. if the signal is below the threshold, deactivating the pump;
 6. repeating steps 2-5 until the water level is within the threshold.

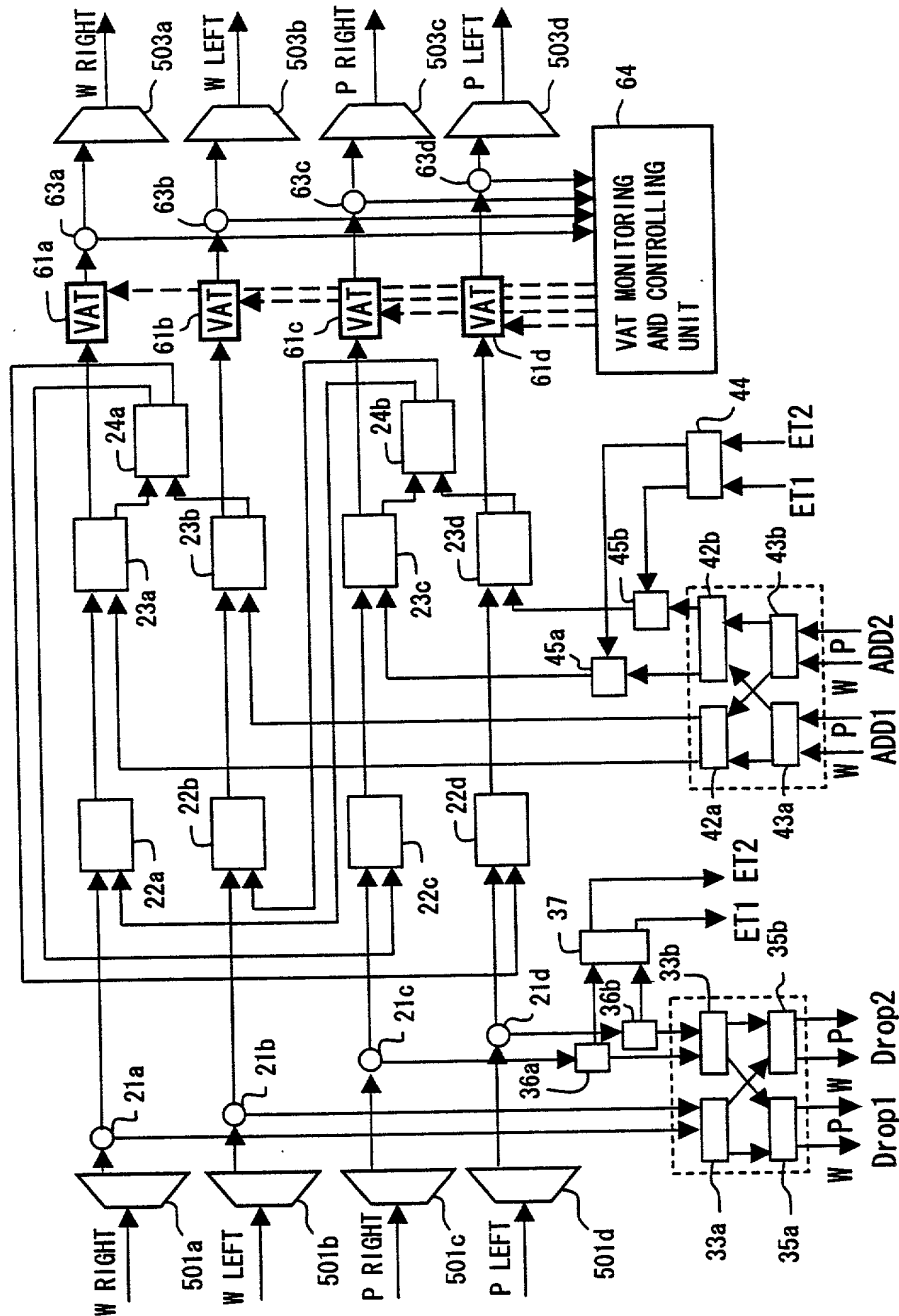


FIG. 17

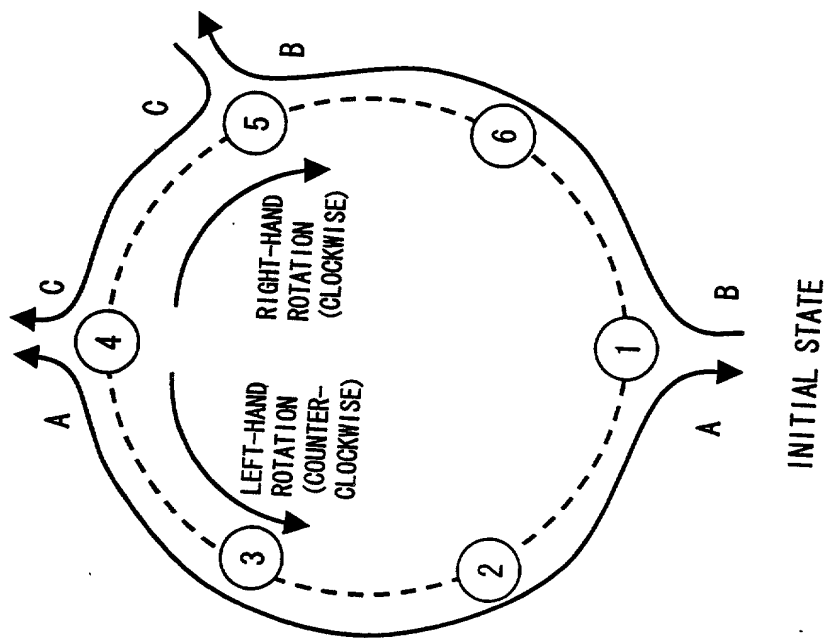
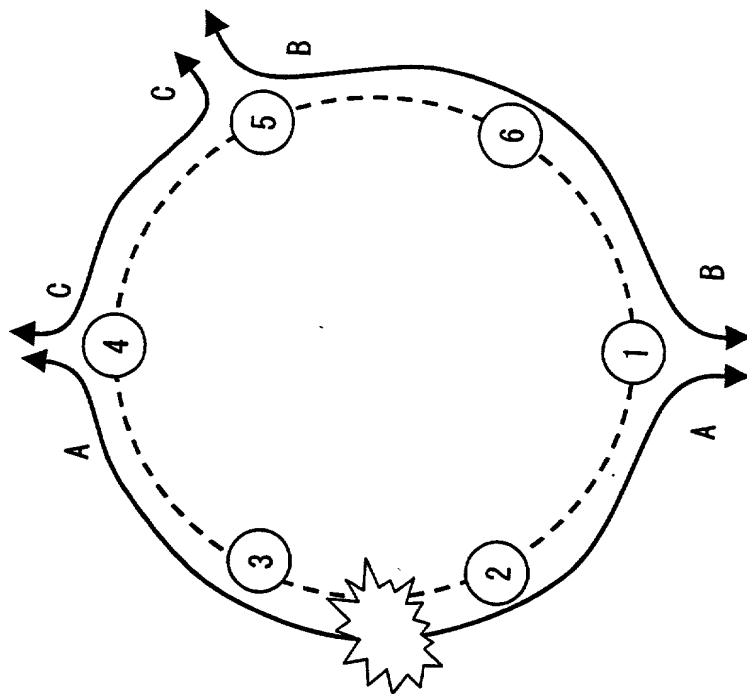


FIG. 20A



UPON OCCURRENCE OF FAULT
ON PATH A (FULLY DISCONNECTED
BETWEEN NODES 2 AND 3)

FIG. 20B

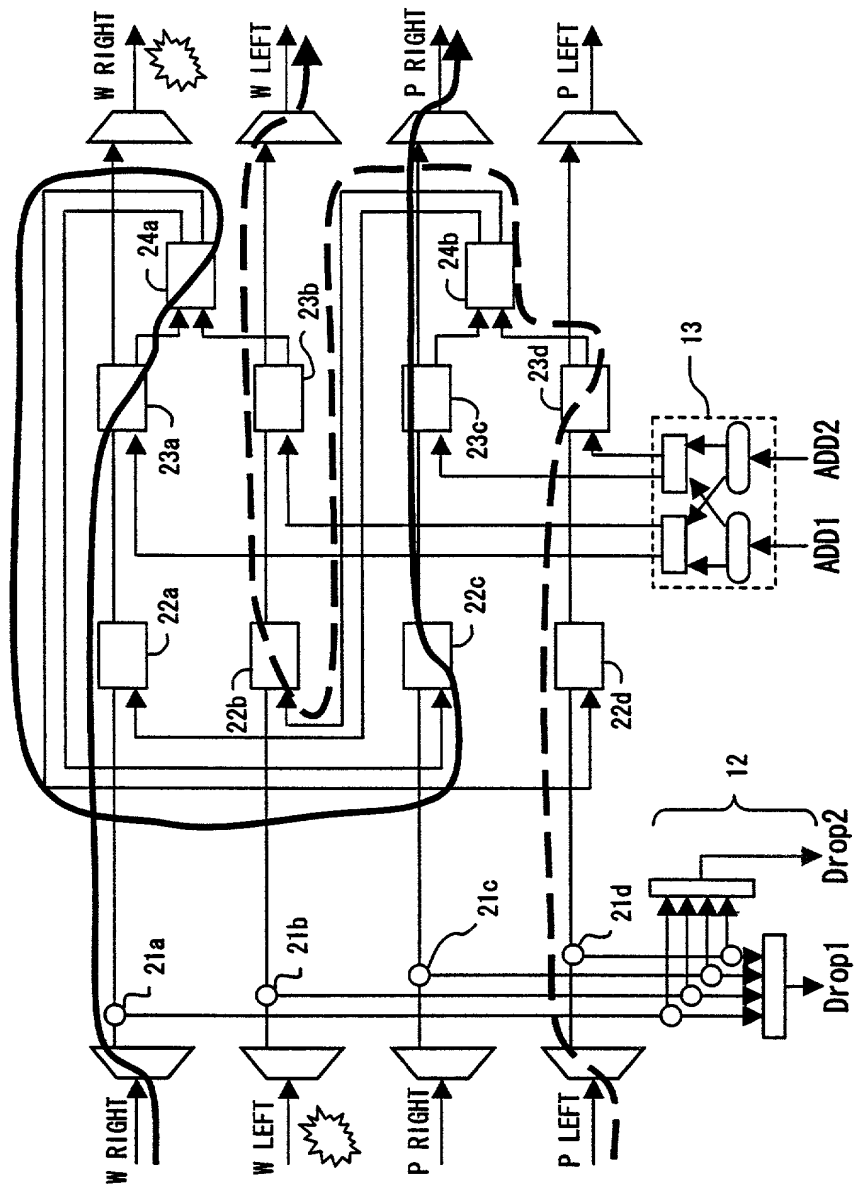


FIG. 27